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From: Dave Dickerson/R1/USEPA/US

To: "Craffey, Paul (DEP)" <Paul.Craffey@state.ma.us>

Delivered Date: 07/21/2010 01:25 PM EDT

Subject: RE: NBH Cost estimates

Paul - I might have misunderstood your questions. The table below, as I explained in the email, assume that all CDFs have been deleted. So these estimates are not the same as those in the ESD (which include the 3 upper harbor CDFs) - apples and oranges....

▼ "Craffey, Paul (DEP)" ---07/21/2010 10:21:24 AM---Is the 100% T&D the existing ROD? Is the 1 CAD cell the ESD? Does this assume a future ROD change

From: "Craffey, Paul (DEP)" <Paul.Craffey@state.ma.us>

To: Dave Dickerson/R1/USEPA/US@EPA

Date: 07/21/2010 10:21 AM

Subject: RE: NBH Cost estimates

Is the 100% T&D the existing ROD?

Is the 1 CAD cell the ESD? Does this assume a future ROD change to eliminate CDFs? The ESD has a 40 year time period and \$1.2 billion cost.

From: dickerson.dave@epamail.epa.gov [dickerson.dave@epamail.epa.gov]

Sent: Tuesday, July 20, 2010 9:12 AM

To: Craffey, Paul (DEP)

Cc: Ng.ManChak@epamail.epa.gov

Subject: Re: NBH Cost estimates

Paul - before I list the info PLEASE PLEASE PLEASE bear in mind that these are still draft estimates and should NOT be quoted. Also, note that these assume NO CDFs. All numbers below assume the \$15m/yr funding level in your question, and reflect the cost and time TO COMPLETE (i.e., not including past costs):

100 % T&D NPV = \$386m actual\$ = \$1.4B 42 years

1 CAD cell NPV = \$342m actual\$=\$983m 35 years

2 CAD cells* NPV= \$281m* actual\$=\$405m* 21 years*

*older and most-uncertain draft estimate of the bunch, needs to be updated to be consistent with the other estimates

Hope this helps. Any questions please ask.

Dave

From: "Craffey, Paul (DEP)" <Paul.Craffey@state.ma.us>

To: Dave Dickerson/R1/USEPA/US@EPA

Date: 07/19/2010 04:14 PM

Subject: NBH Cost estimates

Any cost estimates for the \$15 million/year funding for the No CDF and 2 CAD scenarios? And how long each would take?